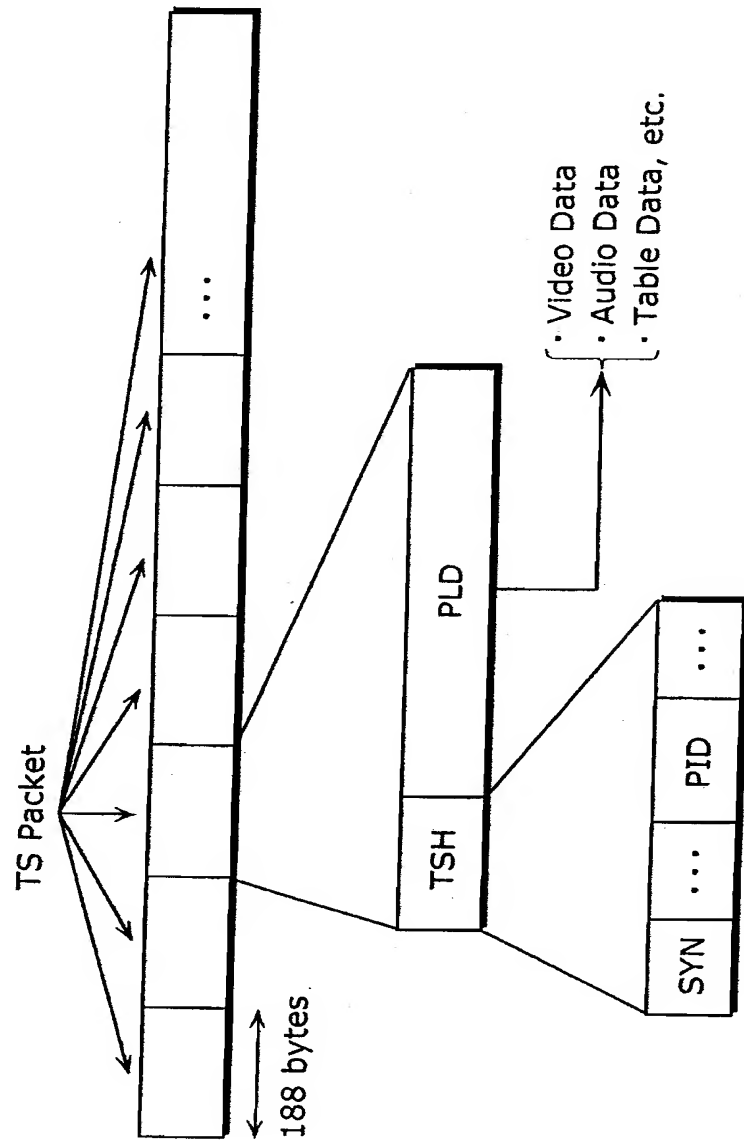PRIOR ART

FIG. 1

PRIOR ART

FIG. 2
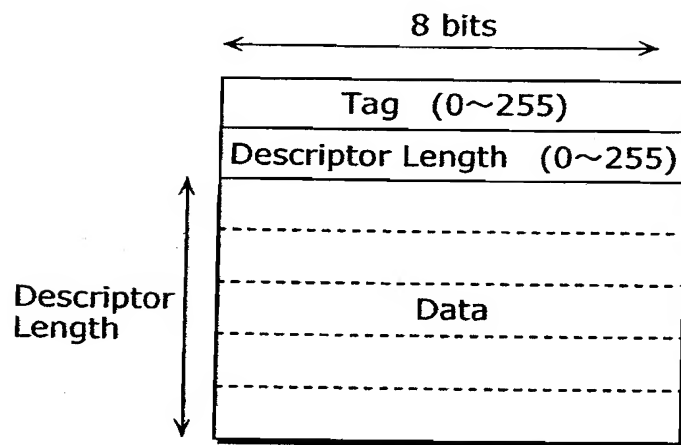
Data Structure of Table Data

```
TS_program_map_section() {
        table_id                              8 bit
        . . .
        for (i=0; i<N1; i++) {
                stream_type                   8 bit
                reserved                      1 bit
                elementary_PID                13 bit
                reserved                      4 bit
                ES_info_length                12 bit
                for (j=0; j<N2; j++) {
                        descriptor ()
                }
        }
        CRC_32                                32 bit
}
```
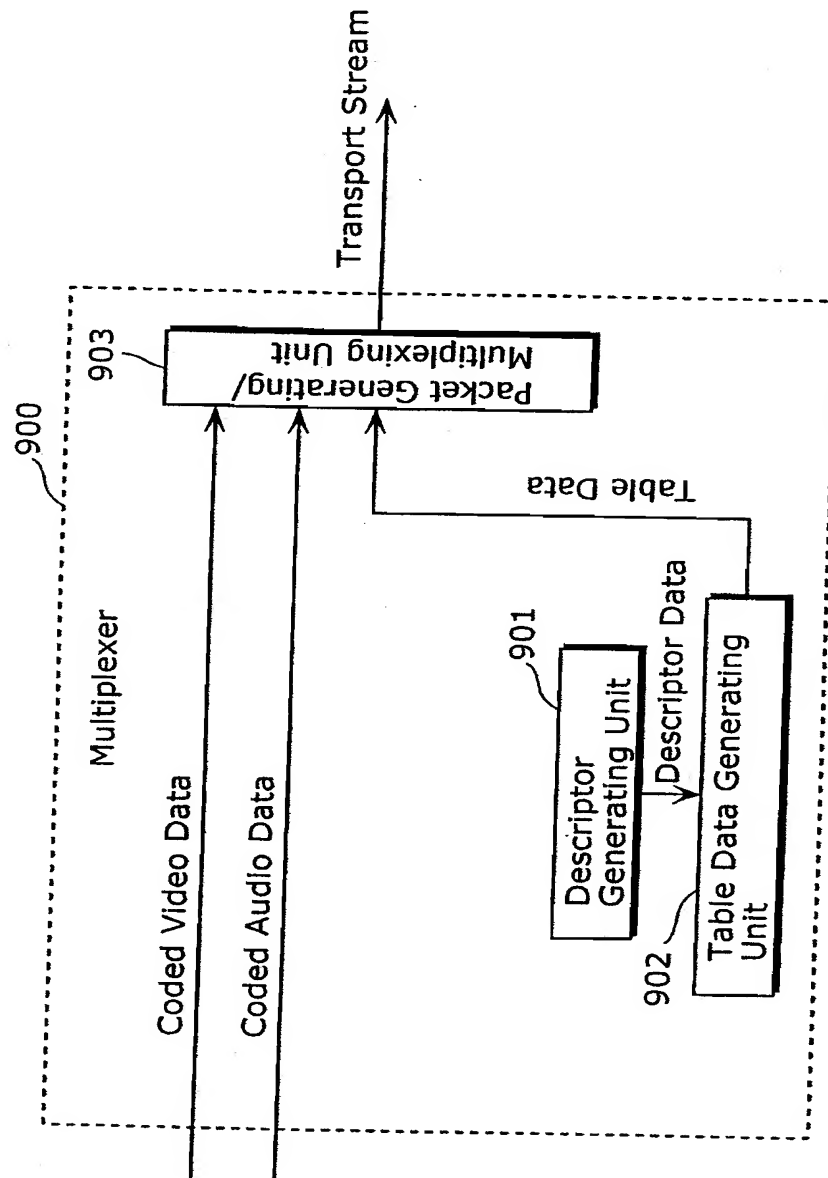
PRIOR ART

FIG. 3

Data Structure of Descriptor

PRIOR ART

FIG. 4

Transport Stream

Multiplexer

900

Coded Video Data

Coded Audio Data

903

Packet Generating/
Multiplexing Unit

Table Data

901

Descriptor
Generating Unit

Descriptor Data

902

Table Data Generating
Unit

FIG. 17